



PATENT
450117-4172

IN THE CLAIMS

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Please amend claims 1, 19, 20, and 27 by rewriting the same to the following:

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5-10
--1. (Six Times Amended) A system for serving information data over one or more channels to one or more end user devices, comprising:

a plurality of storage medium units for storing information data, wherein said plurality of storage medium units include an archive storage medium unit which contains said information data and a plurality of delivery storage medium units that stores said information data from said archive storage medium unit as needed;

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managing means for managing distribution of the information data to any one of the end user devices, wherein the managing means receives demand data relating to information data selected through at least one respective end user device, and wherein the managing means outputs distribution control data including channel information of the selected information data and routing information for said at least one end user device; and

routing means for connecting the one or more delivery storage medium units to the at least one end user device, and for routing the selected information data from the delivery storage medium units and the distribution control data from the managing means, wherein

the managing means manages the distribution of the information data from one or more of said delivery storage medium units to an appropriate one or more of the end user device(s) in accordance with a predetermined number representing a number of said one or more end user devices such that the number of delivery storage medium units utilized is increased when the number of end user device(s) exceeds the predetermined number,

whereby said archive storage medium unit and each of said plurality of delivery storage medium units are similarly constructed.

19. (Thrice Amended) A system for serving information data over one or more channels to one or more end user devices, comprising:

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a plurality of storage medium units for storing information data, wherein said plurality of storage medium units include an archive storage medium unit which contains said information data and a plurality of delivery storage medium units that stores said information data from said archive storage medium unit as needed;

managing means for managing distribution of the information data to any one of the end user devices, wherein the managing means receives demand data relating to information data selected through at least one respective end user device, and wherein the managing means outputs distribution control data including channel information of the selected information data and routing information for said at least one end user device; and

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routing means for connecting the one or more delivery storage medium units to the at least one end user device, and for routing the selected information data from the delivery storage medium units and the distribution control data from the managing means,

wherein said managing means selects a special play mode for supplying an altered sequence of scenes to the at least one end user device by switching channels for supplying the data information to the at least one end user device,

whereby said archive storage medium unit and each of said plurality of delivery storage medium units are similarly constructed.

20. (Thrice Amended) A system for serving information data over one or more channels to one or more end user devices, comprising:

a plurality of storage medium units for storing information data, wherein said plurality of storage medium units include an archive storage medium unit which contains said

information data and a plurality of delivery storage medium units that stores said information data from said archive storage medium unit as needed;

managing means for managing distribution of the information data to any one of the end user devices, wherein the managing means receives demand data relating to information data selected through at least one respective end user device, and wherein the managing means outputs distribution control data including channel information of the selected information data and routing information for said at least one end user device; and

routing means for connecting the one or more delivery storage medium units to the at least one end user device, and for routing the selected information data from the delivery storage medium units and the distribution control data from the managing means,

wherein said managing means selects a special play mode for supplying a mosaic of scenes to the at least one end user device by selecting scenes from different channels,

whereby said archive storage medium unit and each of said plurality of delivery storage medium units are similarly constructed.

27. (Four Times Amended) A system for serving information data over one or more channels to one or more end user devices, comprising:

a plurality of storage medium units for storing information data, wherein said plurality of storage medium units include an archive storage medium unit which contains said information data and a plurality of delivery storage medium units that stores said information data from said archive storage medium unit as needed;

managing means for managing distribution of the information data to any one of the end user devices, wherein the managing means receives demand data relating to information data selected through at least one respective end user device, and wherein the managing means

outputs distribution control data including channel information of the selected information data and routing information for said at least one end user device; and

routing means for connecting the one or more delivery storage medium units to the at least one end user device, and for routing the selected information data from the one or more storage medium units and the distribution control data from the managing means, wherein

said distribution control data further includes backup control data for assigning one of said one or more delivery storage medium units to supply the selected information data when another of said one or more delivery storage medium units for supplying the selected information data is malfunctioning,

whereby said archive storage medium unit and each of said plurality of delivery storage medium units are similarly constructed.--

REMARKS

It is submitted that these claims, as originally presented, are patentably distinct over the prior art cited by the Examiner, and that these claims were in full compliance with the requirements of 35 U.S.C. §112. Changes to these claims, as presented herein, are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

Claims 2-17, 21-26, 28, and 29 and amended claims 1, 19, 20, and 27 are in this application.

Claims 1-3 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-3 of U.S. Patent No. 6,240,552.